

105.10 - Materials on Filter Media

These SRMs consist of potentially hazardous materials deposited on filters to be used to determine the levels of these materials in industrial atmospheres. SRMs 2676d, 2677a, and 3087a have been superseded by SRM 2783 Air Particulate on Filter Media.

Technical Contacts: SRM 2783 rolf.zeisler@nist.gov RMs 8785, 8786 george.klouda@nist.gov

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	2783	2950	2951	2952	2953	2954	2955	2956	2957	2958	2960
Description	Air Particulate on Filter Media	Respirable Alpha Quartz on Filter Media, 10-500 µg	Respirable Alpha Quartz on Filter Media, 5 µg	Respirable Alpha Quartz on Filter Media, 10 µg	Respirable Alpha Quartz on Filter Media, 20 µg	Respirable Alpha Quartz on Filter Media, 50 µg	Respirable Alpha Quartz on Filter Media, 100 µg	Respirable Alpha Quartz on Filter Media, 250 µg	Respirable Alpha Quartz on Filter Media, 500 µg	Respirable Alpha Quartz on Filter Media, 1000 µg	Respirable Cristobalite on Filter Media, 5 ug - 250 ug
Unit of Issue	(2 +2 Bink)	(1 each: SRMs 2952-2957)	(5 filters plus 5 blanks)	(5 filters plus 5 blanks)	(5 filters plus 5 blanks)	(5 filters plus 5 blanks)	(5 filters plus 5 blanks)	(5 filters plus 5 blanks)	(5 filters plus 5 blanks)	(5 filters plus 5 blanks)	(1 each: SRMs 2961-2966)
Elemental Composition in (ug/filter)	(47 mm dia) 27 elements - see certificate	Alpha Quartz: See Composition Value for SRM 2952, 2953, 2954, 2956, 2957	Alpha Quartz 5 µg	Alpha Quartz 10 µg	Alpha Quartz 20 µg	Alpha Quartz 50 µg	Alpha Quartz 100 µg	Alpha Quartz 250 µg	Alpha Quartz 500 µg	Alpha Quartz 1000 µg	Cristobalite: See Composition Value for SRM 2961, 2962, 2963, 2964, 2965 and 2966

Values in parentheses are not certified and are given for information only.

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2961	2962	2963	2964	2965	2966	2967	8785	8786
Respirable Cristobalite on, Filter Media, 5 ug (5 filters plus 5 blanks)	Respirable Cristobalite on Filter Media, 10 ug (5 loaded plus 5 blanks)	Respirable Cristobalite on Filter Media, 20 ug (5 loaded plus 5 blank)	Respirable Cristobalite on Filter Media, 50 ug (5 loaded plus 5 blank)	Respirable Cristobalite on Filter Media, 100 ug (5 loaded plus 5 blank)	Respirable Cristobalite on Filter Media, 250 ug (5 loaded plus 5 blank)	Respirable Cristobalite on Filter Media, 500 ug (5 loaded plus 5 blank)	Air Particulate Matter on Filter Media (3 filters)	Filter Blank for RM 8785 (filter)
Cristobalite 5 ug	Cristobalite 10 ?g ?	Cristobalite 20 ?g ?	Cristobalite 50 ?g ?	Cristobalite 100 ?g ?	Cristobalite 250 ?g ?	Cristobalite 500 ?g ?	Elemental Carbon, Total Carbon (see certificate) ?	(37 mm diameter)

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